

Exhibit 22

ADVANCED CARDIOVASCULAR SYSTEMS
EXTRUSION DATA SHEET

START TIME: EXTRUSION #: 10-566-1 AMOUNT (FEET): 2000
FINISH TIME: DATE: 4/8/94 SIGNATURE/DATE John H/S/94

MATERIALS :	MATERIAL DESC.	LOT# :	RM#
PES		R&D	None

EXTRUDER PROCESS PERSON TTOMAS

REQUESTOR J.LEE

SA#

PRODUCT SHAFT

SET-UP PARAMETERS:

MANDREL LGTH (EXT ONLY)	FLUSH	EXPERIMENTAL Y
DIE I.D. .101	OVAL N	PRODUCTION N
MANDREL O.D. .072	XHEAD Y	STRAIGHT N
SCREW TYPE PET 4770-3		
SCREEN TYPE 100 200 100 20		
START ID/OD .032/.038		
FINISH ID/OD .032/.038		

PROCESS PARAMETERS

TEMPERATURE SETPOINTS	SPEEDS & SETPOINTS	PSI & AIR
ZONE 1 500.0 MELT	740 0.0 SCREW RPM 6.6	HEAD PSI 3125.0
ZONE 2 600.0 DIE	1 0.0 PSI SET 3100.0	DIE PSI 2921.0
ZONE 3 670.0 DIE	2 0.0 EXTR. AMP 11.3	AIR PSI 1 13.4
CLAMP 670.0 DIE	3 670.0 PUL SPEED 54	2 0.2
INLET 670.0 W/B TEMP	0.0 W/B DIST. .50	3 0.3
G/PUMP 32.0		4 0.4
PMP OUT 600.0		
XHEAD 0.0		
MATERIAL DRYING TMP. 250	DEWPOINT -58 # OF HRS DRYING 12 hrs	

ACTUAL PARAMETER COLLECTED ~~EVERY 10~~ MINUTES

SETPOINT	ACTUAL 1	ACTUAL 2	ACTUAL 3	ACTUAL 4	ACTUAL 5
G/PUMP PSI					
PUMP AMP					
SCREW RPM					
EXTRUDER AMP					
PULLER SPEED					
BARREL 1					
BARREL 2					
BARREL 3					
HEAD PSI					
TUBING O.D.					
AVG.DIA.					
AVG.STD.DEV.					



Request # 2,181

Request Date 4/8/94

Extrusion # 10-566-A

Date Closed

<u>Machine Setup</u>		<u>Tooling</u>	<u>Dimensions</u>					
Zone 1	500 F	<u>Die</u>	Tubing Profile = 02 (Single-Lumen)					
Zone 2	600 F	Dwg. #	High Wall					
Zone 3	670 F	ID / Shape .101	Low Wall					
Clamp	F	Land Length Long	% Conc.					
Adapter	670 F	Material Stainless	Basis Wgt.					
Die Body	670 F	Comments Round						
Die Nut	670 F							
Brl Melt	F	<u>Mandrel</u>	<u>Zumbach</u>					
Flg Melt	F	Dwg. #	<u>Setpoints</u>					
Die Melt	740 F	Style Hypotube	Nominal					
Throat	F	Length 0.650"	Upper					
Brl Pres	3125 PSI	Extension Flush	Lower					
Flg Pres	PSI							
Die Pres	2921 PSI	<u>Miscellaneous</u>	<u>Statistics</u>					
		Tubing Dwg. #	Avg. Xbar					
		X-Head Bolt-On	Avg. Sigma					
		Screens 100 200 100 200	Avg. Cp					
		Breaker Plate Single	Avg. Cpk					
			Oval. Xbar					
<u>Screw</u>								
Speed	6.6 RPM	<u>Puller</u>	<u>Water Bath</u>					
Mode	Manual	Speed 54 FPM	Temp Ambient F					
Setting	(%/PSI)	Mode Manual	Air Gap 0.5 "					
Amps	11	Setting (%)	Flow gph					
ID	PET 4770-3		Dam Iris					
<u>Materials</u>		<u>Drying</u>						
%	Part #	Rev	Description	Lot #	Temp.(F)	Time (Hrs)	Dew Pt.	% Moist.
100	VM-NEWKEY-1	A	PES					
<u>Statistic Comments:</u>								
<u>Machine Comments:</u> Material was dried overnight at 250 F and increased to 300 F for 3 hours before extruding								

